

# Installation Instructions

## “Y” Strainers

### ⚠ WARNING



Read this Manual **BEFORE** using this equipment.  
**Failure to read and follow all safety and use information can result in death, serious personal injury, property damage, or damage to the equipment.**  
 Keep this Manual for future reference.



### ⚠ WARNING

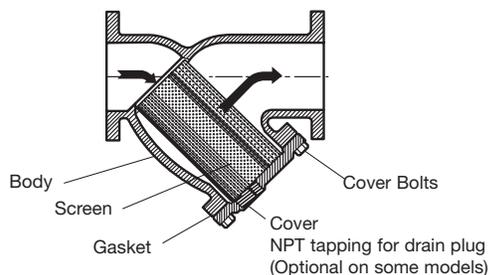
Individuals performing removal and disassembly should be provided with suitable protection from possibly hazardous liquids.

**Note:** Large size “Y” strainers are supplied with Breech-Lok screens. To remove screen, rotate screen 45°, Breech-lok will disengage.

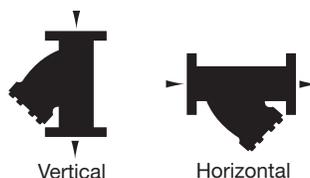
**NOTE:** Before installing the “Y” strainer, be sure its pressure rating is correct for the system by checking the maximum pressure rating listed on the valve’s specification sheet against the maximum system pressure.

The strainer must be installed in the correct direction to function properly. Locate the arrow on the strainer body; it must point in the direction of flow.

Typical flanged end “Y” strainer

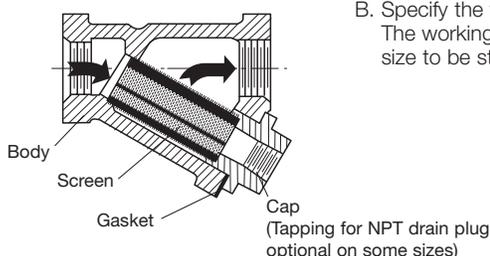


Mounting Positions



The cover of the “Y” side should face down

Typical threaded “Y” strainer



## Installation Instructions

### For Threaded End Connections

Align to ensure that piping is straight and thread cap onto end of “Y” strainer. Make sure that the threaded end cap is not at an angle or offset when being installed.

### For End Connections Designed for Soldering/Brazing

Align to ensure that piping is straight and cap is properly aligned onto end of “Y” strainer. Make sure that cap is not at an angle or offset when being soldered or brazed.

### For Flanged End Connections

Align flanges of the connecting piping so they are square with the pipe. Tighten flange bolts in sequence, crossing to opposites. Ensure that the pipe is not under any undue stress when tightening flange bolts.

## Maintenance and Replacement Instructions

A differential pressure gauge is installed across the inlet and outlet to indicate pressure loss due to clogging. When the gauge reaches 5-10 psi, the screen must be cleaned in order to ensure maximum efficiency. Keeping a spare, clean screen will minimize shut down time.

### For “Y” Strainers with Blow-Down Valve

1. Open and flush the “Y” strainer until any sediment is removed

### For “Y” Strainers without Blow-Down Valve

1. Take strainer off line
2. Remove the cover or cap and clean the screen
3. Reinstall the screen in the strainer in the same position as before
4. Replace cover or cap as detailed in the Installation Instructions above

**NOTE:** Gasket should be replaced as necessary.

## Ordering Replacement Parts

To order replacement screens or gaskets, which are the only items normally required, you should specify the following:

- A. Size and model number of strainer or casting number as it appears on the body of the strainer
- B. Specify the type of service. For example: water, steam, gas, oil, air. The working pressure and temperature of the system and the particle size to be strained out should also be specified.

**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.  
**For more information: [www.watts.com/prop65](http://www.watts.com/prop65)**

**Limited Warranty:** Watts Regulator Co. (the “Company”) warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge.

**THE WARRANTY SET FORTH HEREIN IS GIVEN EXPRESSLY AND IS THE ONLY WARRANTY GIVEN BY THE COMPANY WITH RESPECT TO THE PRODUCT. THE COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. THE COMPANY HEREBY SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

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